

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
Hiroshi ARUGA et al. ) Group Art Unit:  
Application No.: ) Examiner:  
Filed: June 28, 2004 ) Confirmation No.:  
For: OPTICAL SEMICONDUCTOR DEVICE )

**FIRST INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

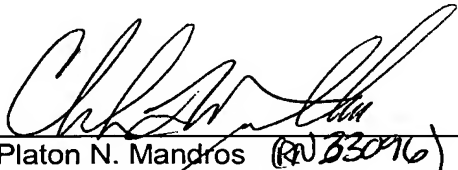
To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date June 28, 2004

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By:   
Platon N. Mandros (R) 030916  
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Substitute for form 1449A/PTO & 1449B/PTO  <b>FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <small>(use as many sheets as necessary)</small>		Complete if known	
		<b>Application Number</b>	
		<b>Filing Date</b>	June 28, 2004
		<b>First Named Inventor</b>	Hiroshi ARUGA et al.
		<b>Examiner Name</b>	
<b>Sheet</b>	1 of 1	<b>Attorney Docket Number</b>	032404-079

U.S. PATENT DOCUMENTS				
Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	5,371,755		Murata et al.	12-06-1994
	5,646,763		Misaizu et al.	07-08-1997
	5,771,220		Yuasa et al.	06-23-1998

FOREIGN PATENT DOCUMENTS										
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS					
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	Eng. I/PER	Abstract
	09-283825		Japan	10-31-1997				*		
	11-233876		Japan	08-27-1999				*		
	*09-200150		Japan	07-31-1997						*
	*8-172401		Japan	5-31-2002						*

\* COPY ATTACHED

NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

Examiner Signature	Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.